

Amendments to the Specification:

Please replace the paragraphs beginning on page 5, line 24 with the following:

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 illustrates an embodiment of a device according to the present invention.

Figure 2 illustrates another embodiment of a device according to the present invention.

Figure 3 shows the initial state of the first operating cycle of the device by Clausius-Clapeyron plot.

Figure 4 shows the state of the device in phase A1, corresponding to instantaneous active refrigeration, by Clausius-Clapeyron plot.

Figure 5 shows the the state of the device in phase A2 by Clausius-Clapeyron plot.

Figure 6 shows the state of the device in phase B by Clausius-Clapeyron plot.

Figure 7 shows the state of the device in phase C, the rapid regeneration phase, by Clausius-Clapeyron plot.

Figure 8 shows the the state of the device in phase D by Clausius-Clapeyron plot.

Figure 9 shows a cross-sectional view of one embodiment of an evaporator.

Figure 10 shows a longitudinal sectional view of one embodiment of an evaporator.

Figures 11a and 11b illustrate an embodiment of a device according to the present invention in which the sections have a cylindrical concavity and are such that the distance between the longitudinal edges of the larger-diameter section is greater than the distance between the longitudinal edges of the other section, the bottom of the smaller diameter section being placed above the bottom of the larger-diameter section.

Figures 12a and 12b illustrate an embodiment of a device according to the present invention in which the sections have a cylindrical concavity and are such that the distance between the longitudinal edges of the larger-diameter section is greater than the distance between the longitudinal edges of the other section, the bottom of the smaller diameter section being in contact with the bottom of the larger-diameter section.

Figure 13 illustrates an embodiment of an evaporator in which the ice tray is formed by a simple container.